

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Kenichi NORIDOMI et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2006_0923A
Filed June 15, 2006 :
INFORMATION-DETECTING APPARATUS :
AND METHOD :
[Corresponding to PCT/JP2005/018912
Filed October 7, 2005]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

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AP3 Rec'd PGI/PTO 15 JUN 2006

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

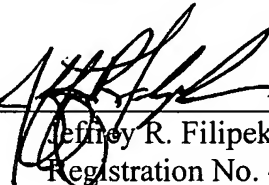
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation submitted herewith,
 - b. ☒ an International Search Report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ an International Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Kenichi NORIDOMI et al.

By



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June 15, 2006

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Sheet 1 of 1		INFORMATION DISCLOSURE STATEMENT	
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: June 15, 2006		ATTY DOCKET NO. 2006_0923A SERIAL NO. NEW APPLICANT Kenichi NORIDOMI et al. FILING DATE June 15, 2006 GROUP	
U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	AA		
	AB		
	AC		
	AD		
	AE		
	AF		
	AG		
	AH		
	AI		
FOREIGN PATENT DOCUMENTS			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS
AJ	2000-228720	8-15-00	Japan
AK			
AL			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)			
AM	Daniel Gruhl et al., "Information Hiding to Foil the Casual Counterfeiter", Lecture Notes in Computer Science, Proceedings of the Second International Workshop on Information Hiding, Vol. 1525, 1998, pages 1-15, Springer-Verlag, London, UK		
AN	W. Bender et al., "Techniques for data hiding", IBM Systems Journal, Vol. 35, No. 3-4, 1996, pages 313-336		
AO	Ryo Sugihara, "Practical Capacity of Digital Watermarks", IBM Tokyo Research Laboratory, 'Online! April 25, 2001 - April 27, 2001, 4 th International Information Hiding Workshop, Pittsburgh, Retrieved from the Internet: URL: http://www.research.ibm.com/trl/projects/RightsManagement/datahiding/paper/Sugiryo_IH2001Slide.pdf retrieved on December 13, 2005		
AP	In-Kwon Yeo et al., "Modified Patchwork Algorithm: A Novel Audio Watermarking Scheme", IEEE Transactions on Speech and Audio Processing, Vol. 11, No. 4, 2003, pages 381-386		
AQ	Kineo Matsui, "Fundamentals of Electronic Watermark", published by Morikita publishing company, 1998, pages 91-94 along with partial English translation		
EXAMINER		DATE CONSIDERED	